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SEP 21 2001

DIVISION OF
OIL, GAS AND MINING

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING
1594 West North Temple Suite 1210
Box 145801
Salt Lake City, Utah 84114-5801
(801) 538-5291
Fax: (801) 359-3940

RECEIVED
AUG 22 2001
Ultradent Products
BY: [Signature]

AMENDED

NOTICE OF INTENTION TO COMMENCE SMALL MINING OPERATIONS

The informational requirements of this form are based on provisions of the Mined Land Reclamation Act, Title 40-8, Utah Code Annotated 1987, and the General Rules as promulgated under the Utah Minerals Regulatory Program.

"Small Mining Operations" means mining operations which disturb five or less surface acres at any given time.

I. GENERAL INFORMATION (Rule R647-3-104)

1. Name of Mine: ULTRADENT OC MINE
2. Name of Operator/Applicant: Ultradent Products
Company () Corporation (X) Partnership () Individual ()
3. Permanent Address: 505 W 10200 South
City: So. Jordan State: UT Zip Code: 84095
Telephone Number: (801) 572-4200 ext. 4344
4. Ownership of Land Surface:

Private (Fee) ☐ Public Domain (BLM) ☒ National Forest (USFS) ☐
State Trust Land/School Sections ☒ State Sovereign Lands ☐
Other (please describe): _____

Name _____	Address _____
Name _____	Address _____
Name _____	Address _____
Name _____	Address _____

5. Ownership of Minerals:

Private (Fee) ☐ Public Domain (BLM) ☒ National Forest (USFS) ☐
 State Trust Land/School Sections ☒ State Sovereign Lands ☐
 Other (please describe): _____

Name _____ Address _____
 Name _____ Address _____
 Name _____ Address _____
 Name _____ Address _____

Utah Mining Claim Number(s): 367177-367179
363841-363845

Utah State Lease Number(s): S/045/057-ML-48316

Name of Lessee(s) Ultradent Products

6. Have the above surface and mineral owners been notified in writing?
 Yes X No _____

If no, why not? _____

Please be advised that if State Trust Lands are involved, notification to the Division of Oil, Gas and Mining alone does not satisfy the notification requirements of Mineral Leases upon State Trust Lands. Exploration or mining activity on State Trust Lands requires a minimum of 60 days notice to the Trust Lands Administration prior to commencing any activities. Please contact the School Institutional Trust Lands Administration (SITLA) at (801) 538-5508 for notification requirements.

7. Does the operator have legal right to enter and conduct mining operations on the land covered by this notice? Yes X No _____

II. PROJECT LOCATION & MAP (Rule R647-3-105)

1. Project Location (legal description):

County(ies): Tooele

____ 1/4, of ____ 1/4, of NE 1/4: Section: 5 Township: 105 Range: 12W
 ____ 1/4, of ____ 1/4, of NW 1/4: Section: 5 Township: 105 Range: 12W
 ____ 1/4, of SE 1/4, of SW 1/4: Section: 32 Township: 95 Range: 12W

UTM East _____ (if known) UTM North _____ (If known)
 Name of Quad Map for Location Dugway Range UT. 7 1/2 quadrangle

2. A topographic base map showing the location of the proposed small mining operation must be submitted with this notice. A USGS 7.5 minute series map is preferred. The areas to be disturbed should be plotted in sufficient detail so that they can be located on the ground. It is recommended that the operator also plot and label any pre-existing disturbances in the immediate vicinity that he is not responsible for.

III. OPERATION PLAN (Rule R647-3-106)

1. Type of mining: Surface ☒ Underground ☐
2. Mineral(s) to be mined: Fluoride
3. Provide a brief description of the proposed mining operation and onsite processing facilities. Fluoride will be hand cobbled on site to pure selected ore, then transported off site for use. The on site processing facility will be a 40'0"x50'0"x6'0" high fenced area. This area would house a tractor/loader/backhoe combination, storage trailer and air compressor. Outside the fenced area a travel trailer for living purposes.
☐ New Road(s): Length _____ (ft) Width _____ (ft)
☐ Improved Road(s): Length _____ (ft) Width _____ (ft)
Total project surface acreage to be disturbed: Two (acres)
Proposed startup date of project (month, year) December 1, 2001
Proposed completion date of project, if known (month, year) 12/01/2021

IV. OPERATION AND RECLAMATION PRACTICES (Rule R647-3-107, 108 & 109)

The reclamation and operation obligation is to keep the area clean and safe, minimize hazards to public safety, return the land to a useful condition, and reestablish at least 70 percent of the premining vegetative ground cover. To accomplish this, the operator will need to perform reclamation concurrently, or at the completion (within one (1) year) of mining:

1. Keep the mining operation in a safe, clean, and environmentally stable condition.
2. Permanently seal all shafts and tunnels to prevent unauthorized or accidental entry.
3. Plug drill holes with a five foot cement surface plug. Holes that encounter fluids are to be plugged in the subsurface to prevent aquifer contamination.
4. Construct berms, fences, or barriers, when needed, above highwalls and excavations.
5. Remove, isolate, or neutralize all toxic materials in a manner compatible with federal and state regulations.
6. Remove all waste or debris from stream channels.
7. Dispose of any trash, scrap metal, wood, machinery, and buildings.
8. Conduct mining activities so as to minimize erosion and control sediment.
9. Reclaim all roads that are not part of a permanent transportation system.

10. Stockpile topsoil and suitable overburden prior to mining.
11. Stabilize highwalls by backfilling or rounding to 45 degrees or less, where feasible; reshape the land to near its original contour, and redistribute the topsoil and suitable overburden.
12. Properly prepare seedbed to a depth of six inches by ripping, discing, or harrowing.
13. Reseed disturbed areas with adaptable species. (The Division recommends seeding 20 lbs./acre of native and introduced species of grass, forb, and browse seed, and will provide a specific species list if requested.)
14. Plant the seed with a rangeland or farm drill, or if broadcast seeded, harrow or rake the seed 1/4-1/2 inch into the soil - fall is the preferred time to seed.

V. **VARIANCE REQUEST** (Rule R647-3-110)

Yes ☒ No ☐

Any planned deviations from Rules R647-3-107, Operation Practices, R647-3-108, Hole Plugging Requirements, or R647-3-109, Reclamation Practices, as summarized above, should be identified below and justification given for the variance request(s).

<u>Item Number</u>	<u>Variance Request Justification</u>
R647-3-109	<u>Proposed mining sites have been disturbed by</u>
	<u>previous mining exploration activities.</u>

VI. **PERMIT FEE** [Mined Land Reclamation Act 40-8-7(i)]

The Utah Mined Land Reclamation Act of 1975 [40-8-7 (i)] provides the authority for fee implementation which was approved by the Utah Legislature at its 1998 session. Commencing July 1, 1998, the fees are assessed to new and existing notices of intention, and annually thereafter.

Small Mining Notices require a \$100.00 fee which must accompany this application.

VII. **SIGNATURE REQUIREMENT**

I hereby commit to conduct mining operations and to reclaim the aforementioned small mine as required by the Utah Mined Land Reclamation Act (40-8) and the rules as specified by the Board of Oil, Gas and Mining.

Signature of Operator/Applicant:

Name (typed or printed):

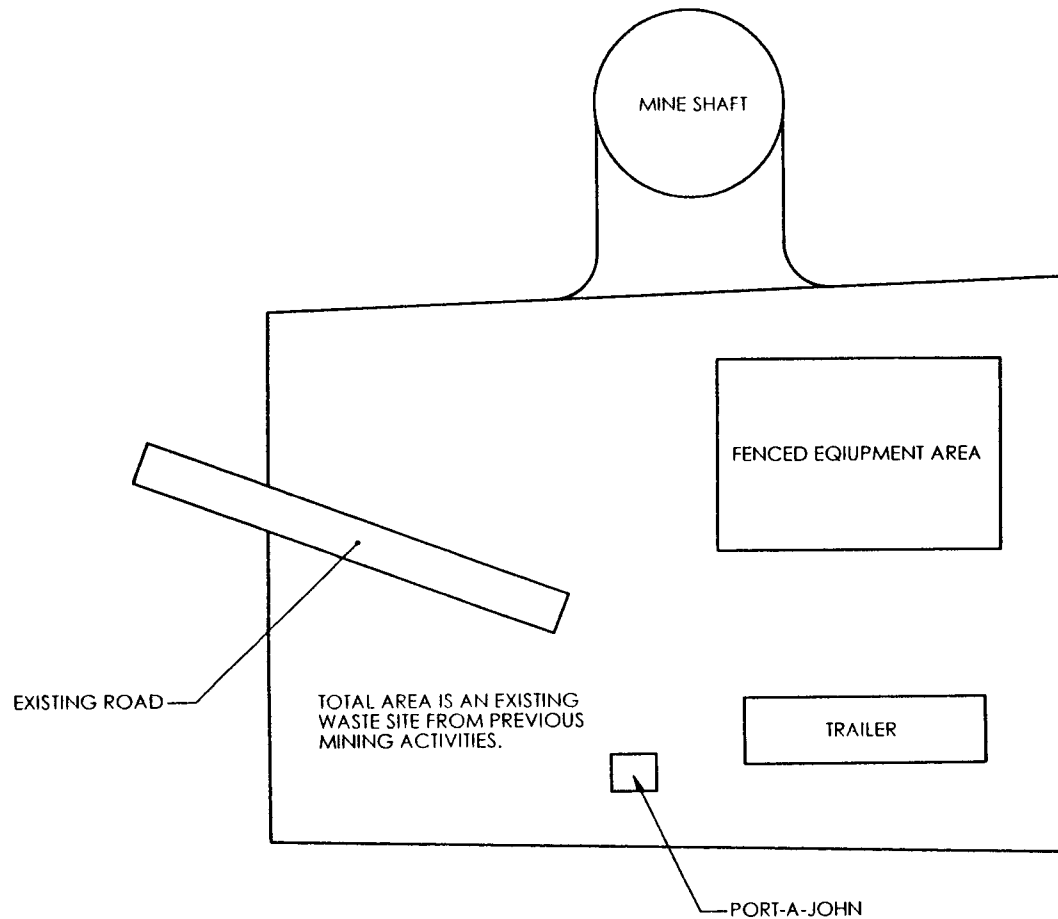
Title/Position (if applicable):

Date:


Ultradent Products by Harvey Chatwin
Harvey Chatwin
Lease Mgr.
Sept 14, 2001

COMPONENT SPECIFICATION

REV	DATE	DESCRIPTION
A	07-05-01	INITIAL RELEASE

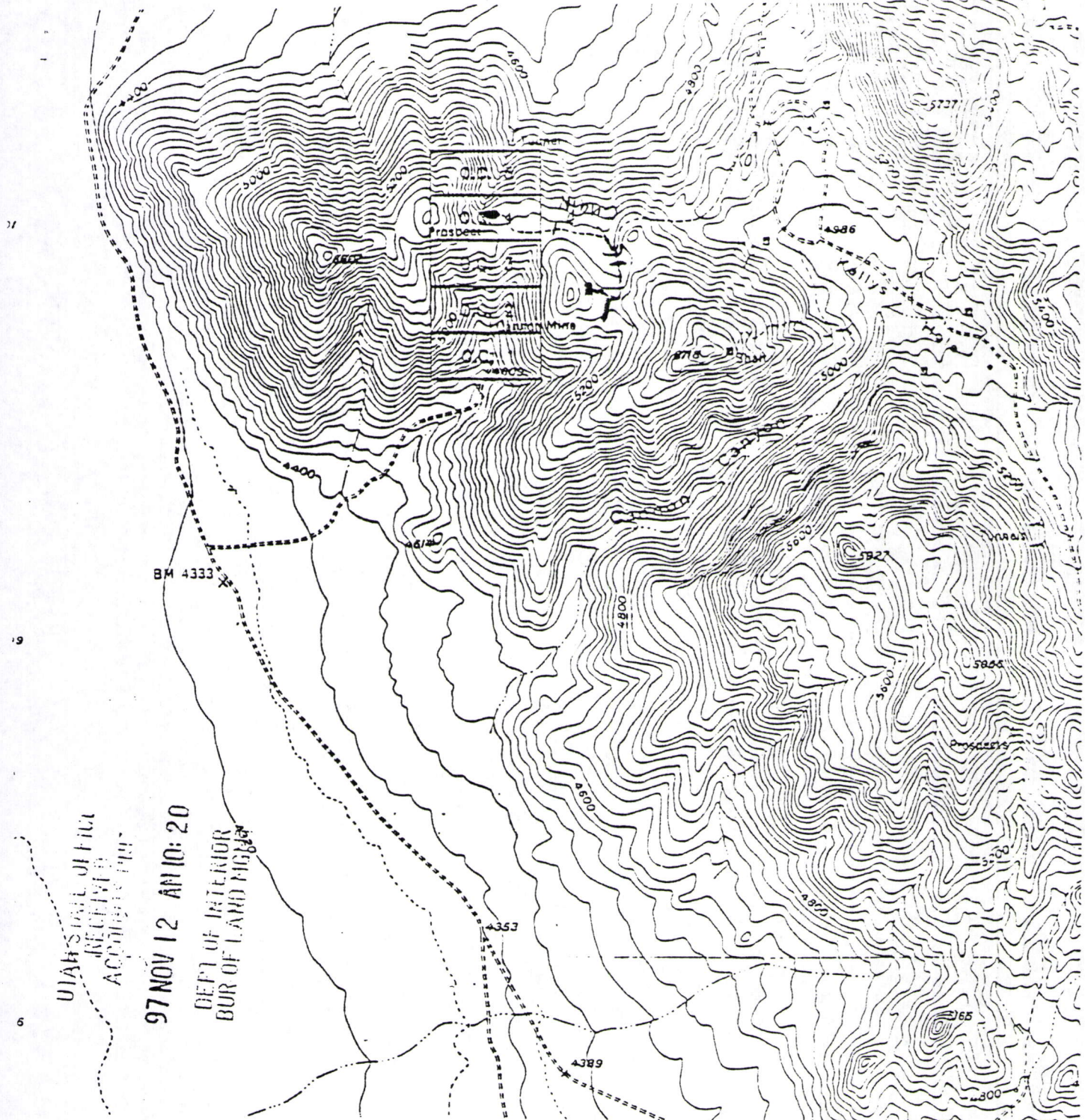


LOCATION:
SE 1/4, OF SW 1/4: SECTION 32, T.9S, R: 12 W

QUALITY REQUIREMENTS		 ULTRADENT PRODUCTS, INC. 505 West 10200 South South Jordan, UT 84095 THIS DOCUMENT AND DATA ARE ISSUED IN STRICT CONFIDENCE AND ARE NOT TO BE REPRODUCED IN WHOLE OR IN PART WITHOUT WRITTEN PERMISSION. COPYRIGHT ULTRADENT PRODUCTS INC.	TOLERANCES UNLESS SPECIFIED		PART DESCRIPTION	
1	DIMENSIONS		X- ± 1	FRACTION= ± 1/64	ULTRADENT--PLAN OF OPERATION, SITE #3	
2	MATERIALS		XX- ± 01			
3	COLOR		XXX- ± 005	ANGLES ± 0.5°	DC REF	DATE
4	INSPECTION		XXXX- ± 002	INTERPRET PER ANSI Y14.5 M - 1982	SCALE NONE	SHEET 1 OF 1 FILE NAME DD997-101A

QA041 2 5-20-97

COMP SPEC



UTAH STATE OFFICE
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ACQUISITION

97 NOV 12 AM 10:20

DEPT OF INTERIOR
BUREAU OF LAND MANAGEMENT

JGWAY RANGE NW, UTAH 7 1/2' QUADRANGLE



0 2000'
SCALE 1"=2000'

ULTRADENT
505 WEST 10200 SOUTH
SOUTH JORDON, UTAH 84095

LODE CLAIMS O.C. 1-5
TOOELE COUNTY, UTAH
PROJECTED SECTIONS: 32 T 9 S, R 12 W S.L.B.M.
5 T 10 S, R 12 W S.L.B.M.

LOCATED: OCTOBER 27, 1997

PREPARED BY: NORTH AMERICAN EXPLORATION, INC.
497 NORTH MAIN
KAYSVILLE, UTAH 84037